IN THE UNITED STATES PATENT OFFICE

Application No: 10/678,998 Filed: October 2, 2003

Title: **OCCUPANCY DETECTION AND MEASUREMENT SYSTEM AND METHOD**

Inventors: S. Burak Gokturk, Abbas Rafii
Examiner LEE, Patrick
Art Unit: 2878

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir/Madam:

In response to the Office Action mailed April 6, 2005, please enter the following amendment.

Amendment to the Claims: Begins on Page 2.

Remarks: Begins on Page 7.

Replacement Sheets are included herewith.